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2025 Strategic Mobility Priorities



NHA STRATEGIC MOBILITY PRIORITIES

PURPOSE



The North Houston Association (NHA)'s Strategic Mobility Priorities (SMP) identifies mobility projects which are in need of either funding or political/public support. Selected projects are to be within the Association's service area, or impact mobility in NHA's boundaries.

PROCESS



NHA representatives sought input from more than 25 agencies, cities, precincts and organizations, seeking information on their top priorities of projects that need advocacy. More than 90 projects were identified. These projects were scored by members of an all-volunteer task force, comprised of NHA members. The task force scored all projects in the following areas: mobility, safety, economic development, multimodal/intermodal, diversity/environmental justice and achievability. This document displays the top 22 projects, in no particular order.

SCORING CRITERIA DEFINITIONS

Mobility: How well the project addresses roadway congestion, benefits regional mobility, and improves efficiency, resilience, accessibility and reliability of the transportation network.

Safety: How well the project reduces frequency of crashes, eliminates fatalities and serious injuries, enhances flood mitigation.

Economic Development: How well the project supports the movement of people and goods, spurs new quality development, and improves the transportation network.

Multimodal/Intermodal: How well the project improves multimodal and intermodal connectivity at the local, regional and statewide levels (including freight and aviation), includes multimodal aspects (bus stops, HOV, sidewalks, shared-use paths), and promotes mobility alternatives to single occupant vehicles.

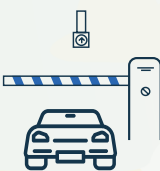
Diversity/Environmental Justice: How well the project increases connections that are inclusive and accessible to all, enhances community connections, and impacts underserved populations.

ACTION STEPS



The SMP will be presented to NHA members, agencies and elected officials to inform them of the Association's top projects for the region. The map also is available on the NHA website which will be updated as progress is made. NHA staff, through involvement in programs like the H-GAC Transportation Advisory Committee (TAC), will track progress so that ongoing advocacy takes place to see the projects receive funding and support, or to adjust when deemed necessary.

ALTERNATE MODES OF TRANSPORTATION



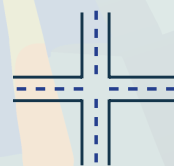
TOLL ROADS



HOV/MANAGED LANS



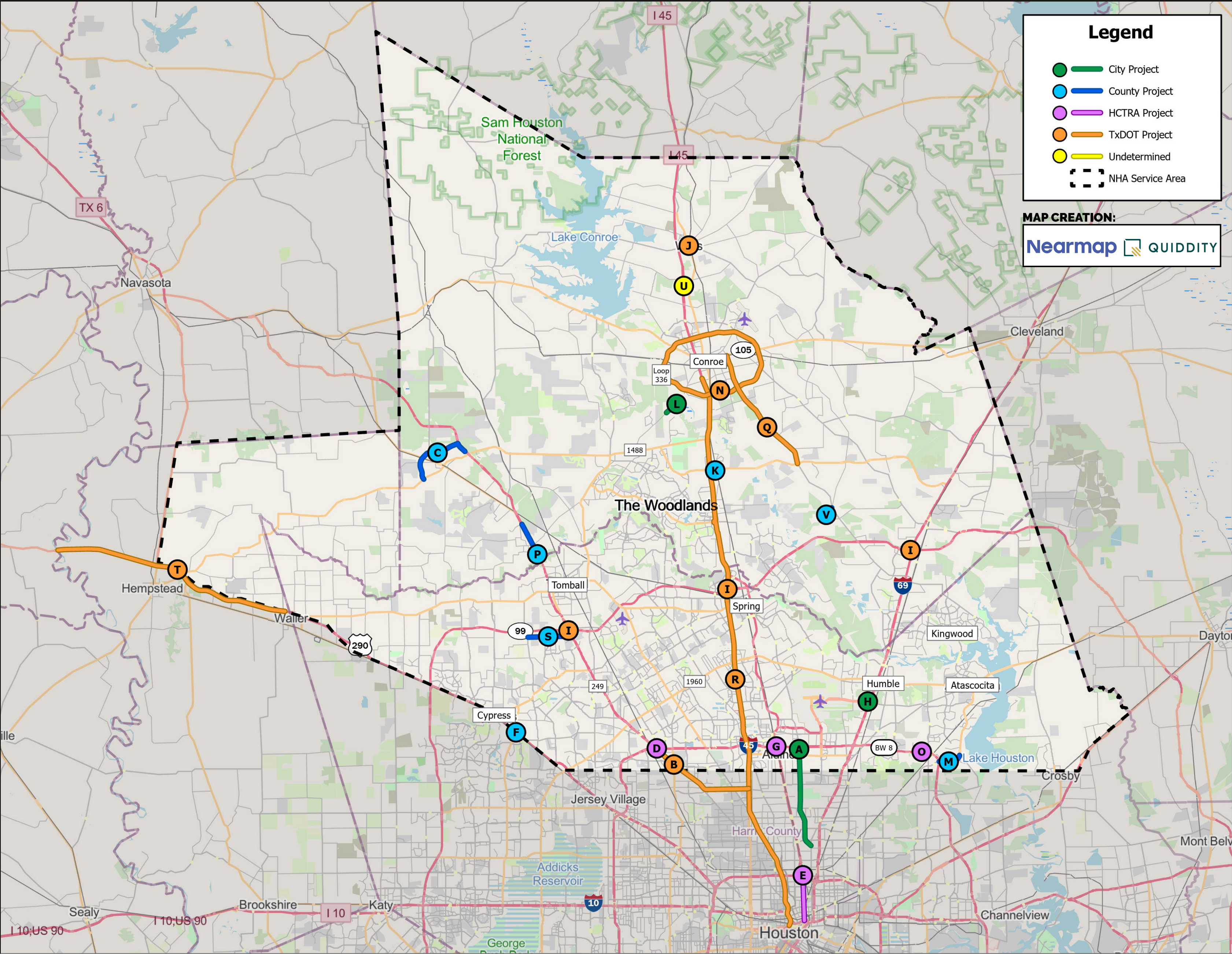
TRAFFIC SIGNALIZATION IMPROVEMENTS



INTERSECTION IMPROVEMENTS

A wide range of travel patterns requires a variety of solutions. Northern Harris, Montgomery and Waller Counties are thriving. The region's much sought-after schools, communities and business centers bring with them a natural population boom. Traditional commuting patterns are a thing of the past, with numerous business centers located throughout the region. NHA is a strong proponent of roadways and highways that meet the needs of all commuters, and the region's growth also requires the inclusion of toll roads, HOV/managed lanes, and park-and-ride options.

Bike lanes are another option for some commuters, but in the north Houston region, most bike lanes are utilized for recreational purposes due to the distance between most housing options and business centers. NHA supports a robust bicycle network, although no specific projects were called out in this document.



Legend

- City Project
- County Project
- HCTRA Project
- TxDOT Project
- Undetermined
- NHA Service Area

MAP CREATION:

Nearmap QUIDDITY

MOBILITY PROGRAMS

In addition to specific projects, some transportation programs discussed are larger than a point on a map. The following programs were identified which will have a significant impact on improved mobility in the north Houston region:

• **METRO Houston BOOST Network** – a strategic plan for 17 high-ridership, frequent bus routes. Improvements include enhancements like new or improved sidewalks along/near the route, improved accessibility along the route with safer crossings and new ramps for wheelchair and stroller access, bus shelters with lighting for improved safety and new trash cans, and digital, real-time bus arrival information.

• **Harris County Toll Road Authority Sam Houston Tollway Widening Project** – Beltway 8 and the Sam Houston Tollway is highly utilized by commuters, and due to current and projected traffic counts, advance planning to widen this highway should be a priority.

• **Harris County Precinct 2 Reimagine Corridor Studies** – these studies aim to revitalize Harris County Precinct 2's streets for safety and vibrancy. Two of these studies are at the southernmost part of NHA's service area: the Aldine Mail Route Corridor Study and the Veterans Memorial/ Fallbrook Corridor Study.

PROJECTS DISPLAYED ON MAP

SCAN FOR MORE INFO
ON EACH PROJECT:



- A** **Project:** Aldine Westfield Rd. from BW 8 to Jensen Dr.
Strategy: Widen consistently to 4 lanes
Agency: City of Houston
- B** **Project:** SH 249 from BW 8 to IH 45
Strategy: Widen to 8 lanes
Agency: TxDOT
- C** **Project:** FM 1488 Magnolia Relief Route
Strategy: Construct 4-lane new roadway from Business FM 1488 to SH 249
Agency: Montgomery County
- D** **Project:** SH 249/BW 8 Interchange Improvements
Strategy: Complete Direct Connectors and improve interchange
Agency: HCTRA
- E** **Project:** Hardy Downtown Connector at I 610
Strategy: Extension of Hardy Toll Road into Downtown Houston
Agency: HCTRA

- F** **Project:** Barker Cypress Rd. at US 290
Strategy: Widening Barker Cypress north and south of US 290; intersection improvements at Queenston; drainage improvements; construct sidewalks
Agency: Harris County Precinct 3 & TxDOT
- G** **Project:** Hardy Toll Road/BW 8 Interchange
Strategy: Traffic and interchange improvements; Complete remaining Direct Connectors
Agency: HCTRA
- H** **Project:** IAH Entrance Improvements from Will Clayton Parkway & US 59/I 69
Strategy: Safety & Flood Mitigation Improvements
Agency: City of Houston/Houston Airports
- I** **Project:** SH 99 Direct Connectors at IH 45, SH 249, and I 69
Strategy: Construct Remaining Direct Connectors
Agency: TxDOT

- J** **Project:** FM 1097 from Campbell Road to Business Park Drive
Strategy: Realign FM 1097 to remove dog-leg, construct RR grade separation and widen from 2 to 4 lanes
Agency: TxDOT
- K** **Project:** David Memorial Dr. Extension North to SH 242
Strategy: Complete roadway extension
Agency: 2025 Montgomery County Road Bond
- L** **Project:** Old Conroe Rd. Extension
Strategy: Connection between Loop 336 to FM 1488, over the West Fork of the San Jacinto River.
Agency: City of Conroe
- M** **Project:** Lake Houston Parkway between BW 8 and Deussen Parkway
Strategy: Widen from 4 to 6 lanes
Agency: Harris County Precinct 1

- N** **Project:** Loop 336 widening
Strategy: Widen consistently to 4 lanes
Agency: TxDOT
- O** **Project:** Barrier-Free Distributor Connectors
Strategy: New and ongoing ramps as part of Barrier Free program
Agency: HCTRA
- P** **Project:** Tollway 249 Widening
Strategy: Expand to 6 lanes
Agency: Montgomery County Toll Road Authority
- Q** **Project:** FM 1314 from SH 105 to SH 242
Strategy: Reconstruct and widen from 2 lanes to 4 lanes divided
Agency: TxDOT
- R** **Project:** IH 45 North Houston Highway Improvement Project (NHIP); IH 45 Planning Environmental Linkages (PEL) Study
Strategy: Highway & Transit Improvements from Downtown Houston to Conroe
Agency: TxDOT

- S** **Project:** Boudreaux Rd. from Telge Rd. to SH 249
Strategy: Widen from 2 lanes to 4 lanes
Agency: Harris County Precinct 4
- T** **Project:** US 290 from Harris County Line to Washington County Line
Strategy: Reconstruct and widen from 4 lanes to 6 lanes; reconstruct grade separations at multiple intersections; install new shared-use paths
Agency: TxDOT
- U** **Project:** IH 45 Frontage Rd. Creation at FM 830
Strategy: Construct frontage road; add right-turn lane; improve signalization
Agency: TBD
- V** **Project:** Old Houston Road Widening from FM 1314 to Portner Ln.
Strategy: Widen from 2 lanes to 4 lanes
Agency: Montgomery County Precinct 4